ZODIAC

G2

Instruction Manual

POWERED BY BARACUDA® WHISPER QUIET DIAPHRAGM TECHNOLOGY

Zodiac, Mastering the Elements

Renowned worldwide for the quality and reliability of its products in the aeronautical and marine sectors, Zodiac has now brought its expertise to swimming pools, to bring you a full range of pools, automatic pool cleaners and water treatment systems.

Backed by Baracuda technology, expertise and experience, Zodiac brings you the reassurance of top quality equipment in terms of both design and performance.

A real guarantee of efficiency and peace of mind!

Zodiac G2 Automatic Pool Cleaner™ TWO-YEAR WARRANTY

This Zodiac G2™ was carefully inspected before shipment from our warehouse. Upon unpacking, if any part is missing or found to be defective, please notify your dealer immediately. Please consult owner's manual for complete instructions on the installation and operation of your Zodiac G2™.

ZODIAC GROUP AUSTRALIA WARRANTS THE ZODIAC G2™ POOL CLEANER TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF TWO (2) YEARS FROM DATE OF PURCHASE. THE ZODIAC G2™ HOSE IS WARRANTED FOR TWO (2) YEARS AGAINST MANUFACTURING DEFECTS AND ULTRAVIOLET BREAKDOWN.

THIS LIMITED WARRANTY EXCLUDES THE FOLLOWING:

1. Discoloration of the Zodiac G2™ pool cleaner caused by reaction to chemicals used in the pool water. Discoloration does not affect the operating ability of the Zodiac G2™. Therefore, this limited warranty does not cover the replacement of discoloured parts.
2. Damage to or malfunction of the unit resulting from excess chlorination or improper water chemistry balance.
3. Replacement of parts which fail or become defective as a result of improper installation, negligence, misuse, abuse or tampering by unauthorised repair personnel.
4. Age, pool water imbalance, and improper installation can cause pool liners to become brittle or unduly wrinkled. Corrosion of the supporting walls and/or irregularities in the pool base may also cause liner failure. The use of this product in such an environment is at the pool owner's risk. Therefore, the pool owner hereby releases the manufacturer from any and all claims for damage where these conditions exist.
5. Abrasion to the hose or damage caused by misuse or improper installation.

No claim under this limited warranty will be recognised unless the attached registration card is completed and returned within fourteen (14) days of the day of purchase. Only the original purchaser may submit a claim under this limited warranty. Purchaser's claims against Zodiac Group Australia Pty. Ltd. shall be limited to those claims which may be asserted under the limited warranty relating to any defect, malfunction or wear of the Zodiac G2™.

To obtain warranty replacement or repair, the unit should be returned, freight prepaid, to the place of purchase or directly to: Zodiac Group Australia Pty. Ltd. PO Box 7238, Wetherill Park, NSW 2164, Australia. When submitting a claim, always supply serial number, evidence of purchase date, retailer and a brief description of the problems/defects encountered. Zodiac Group Australia Pty. Ltd. reserves the right to repair or replace all defective or worn parts covered by this limited warranty and return same to purchaser, freight collect.

Zodiac Group Australia Pty. Ltd. assumes no responsibility for any warranties or representations made by other individuals or businesses beyond the express terms contained in this limited warranty.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty will remain the property of Zodiac Group Australia Pty. Ltd.

Dear Customer

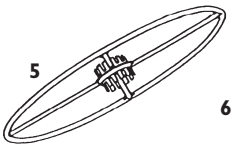
Thank you for buying a Zodiac G2 Automtaic Pool Cleaner™. It is thanks to you that we have achieved our position as market leader.

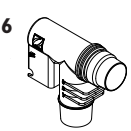
The Zodiac G2™ has been designed and manufactured to be easily installed and to provide years of low maintenance operation.

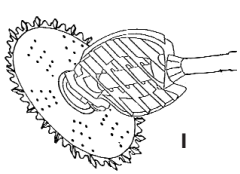
- Your Zodiac G2™ has no nuts, bolts, screws, gears or wheels to corrode
- Its innovative cassette diaphragm system sucks up dirt, debris, bugs, leaves and even small pebbles
- Your Zodiac G2™ will quickly and quietly clean an average pool wall-to-wall, top-to bottom (excluding steps and swimouts)
- In the event it may require repairs, please take your Zodiac G2™ to your closest pool shop
- REMEMBER TO REGISTER YOUR WARRANTY WITHIN FOURTEEN (14) DAYS FROM DATE OF PURCHASE

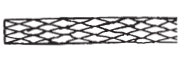
THE CONTENTS OF YOUR ZODIAC G2™ BOX ARE AS FOLLOWS:

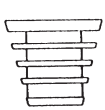
Part No.	QTY	
1	1	Zodiac G2™ machine head, complete with finned disc, blue outer extension pipe with wheel adaptor & compression ring
2	1	Hose protector mesh
3	12	Genuine Zodiac Long Life hose lengths
4	1	Blue hose weight
5	1	Blue Wheel Deflector
6	1	AD Flow Valve
7	1	Pink Leader hose adaptor
8	1	Universal Weir Cuff
9	1	Pool Pulse
	1	Instruction manual (not shown)











ZODIAC

The World's Most Technologically Advanced Pool Sanitising and Purifying System.

DuoClear™

Pure, Clear, Natural.

- Advanced Water Sanitising and Purification System
- Incorporates Clearwater & Nature2 Technology
- Self Cleaning Electrode
- Advanced Electrode Technology for Maximum Sanitation
- Reduces the Time Spent on Maintenance and Manual Cleaning
- Easy 'Set and Forget' Operation

www.zodiac.com.au

SECTION 7 – TROUBLESHOOTING GUIDE

Note: If the automatic pool cleaner is climbing the walls excessively, that is an indication that the flow is too high. Review the installation procedures and ensure the AD Flow Valve is set at setting #1.

For additional assistance contact our customer service department on 1800 688 552.

PROBLEM	SOLUTION
Cleaner stops & starts	Check diaphragm for blockage or damage. Use Pool Pulse® to determine proper flow. Check hoses for leaks.
Cleaner is patterning	Add return diverters or divert return inlets downward. Lay hose in a straight line in the sun to relax memory. Confirm proper hose length – add 1 or 2 extra hose sections.
Cleaner isn't covering opposite end of pool	Add return diverters or divert return inlets downward. Use flow to move cleaner to opposite end. Check if sufficient hose and add if necessary.
Cleaner flips over	Use Pool Pulse® to ensure proper flow. Check swivel on cleaner is not jammed with grit or sand.
Cleaner climbs walls excessively	Use Pool Pulse® to ensure proper flow. Ensure AD Flow Valve is on setting #1. Reduce flow to cleaner head.
Cleaner won't climb walls	Cleaner may not climb walls of some vinyl lined pools. Use Pool Pulse® and raise flow to high setting # 3. Confirm proper hose length. Adjust hose weight, so it is further away from the cleaner head.
Cleaner won't leave edge or rim of pool	Use Pool Pulse® and lower flow to low setting #1. Utilise return flow to move cleaner. Adjust hose weight.

Note: In cold water of 12 degrees or less, water flow through the cleaner must be increased to compensate for the reduced flexibility of the hose and diaphragm.

IF ASSISTANCE IS REQUIRED, PLEASE CALL OUR CUSTOMER SERVICE DEPARTMENT ON 1800 688 552

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It is much easier to assemble your new Zodiac G2™ automatic pool cleaner beside the skimmer box of your pool.

PREPARE POOL AND FILTRATION SYSTEM

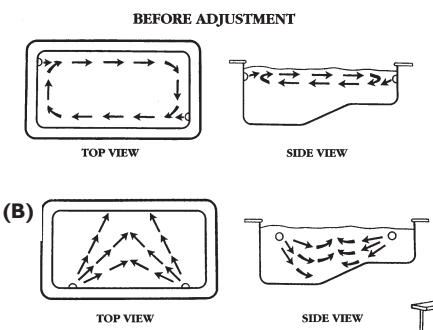
Step 1: Where the main drain is connected to your skimmer box, block off the access to the main drain.

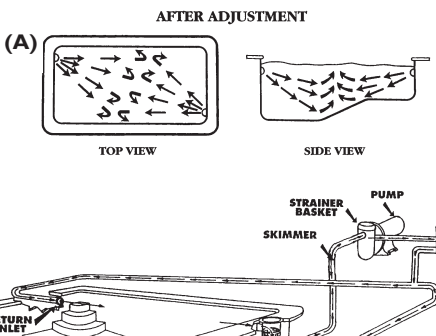
Step 2: Manually vacuum your pool.

Step 3: Clean the filter and empty the skimmer basket(s) and the pump strainer basket according to the manufacturer's instructions.

Note: The circulation system must be operating at its maximum water flow when you install the Zodiac G2™ otherwise re-adjustment will be necessary when you clean the filter and baskets.

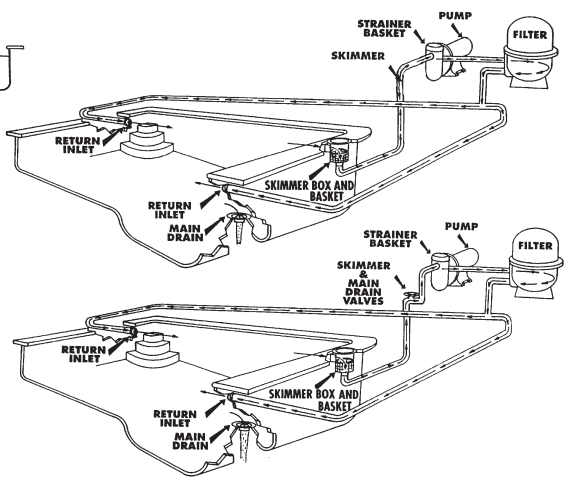
Step 4: Adjust the water flow from all return inlets (a) downward and toward each other (or b. downward and toward the centre of the pool).





GENERAL POOL SCHEMATIC

All diagrams are provided for reference and for terminology used throughout this manual. Your pool may vary.



Note: If no return inlet directional fittings exist, or directionals cannot be directed far enough down to prevent water flow from affecting the natural movement of the Zodiac hose, you must install Zodiac return line diverters. They are available through your Zodiac dealer.

FOR POOLS WITH RETURN INLET EYEBALLS, TURN EYEBALL DOWN

POOL PULSE®:

The Pool Pulse® is a flow meter that measures the volume of water flowing through your Zodiac cleaner. It must be used to properly set the flow and can be used as a diagnostic tool when the cleaner isn't running properly.

IDEAL
Showing Setting 2

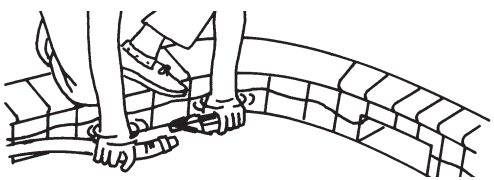
TOO HIGH
Showing Setting 3

TOO LOW
Showing Setting 1

HOW TO USE POOL PULSE®:

Pool Pulse can only be used if the filtration system is on.

1) Attach the Pool Pulse® to the first hose length at the cleaner end (ie: the one attached to the pink adaptor) and keep it under water as shown



2) Ensure the Pool Pulse® is in the ideal range when viewed from the side

3) Keeping the hose under water, remove the Pool Pulse®

4) Submerge the cleaner head, and when the bubbles stop coming from the extension pipe, attach the hose.

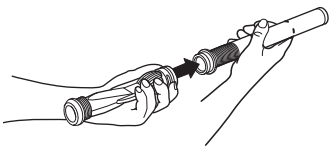
If the flow is in the low range, review the installation procedures. A dirty pool filter or clogged basket is usually the main cause of low flow. Other types of hydraulic problems may require a pool professional. If your pool has multiple skimmers and flow is in the low range, close the skimmer the cleaner is not attached to.

If the flow is in the high range, review the installation procedures. Lower AD Flow Valve setting to #1.

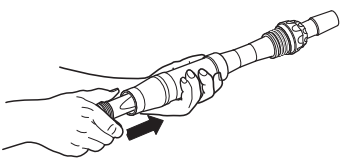
Diaphragm Assembly:

Prior to reinstalling the diaphragm, rinse the diaphragm and the inner extension pipe thoroughly to remove any grit or algae. Make sure grey retaining ring is fitted onto diaphragm. Make sure grey retaining ring is fitted onto diaphragm.

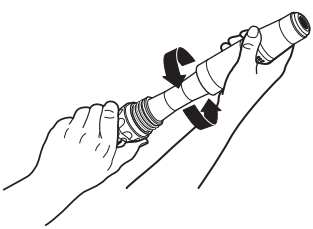
Step 1: Push the diaphragm onto the end of the inner extension pipe until it sits flush against the raised lip.



Step 2: Push the inner extension pipe through the narrow end of the yellow cassette chamber (this will make a grating noise)

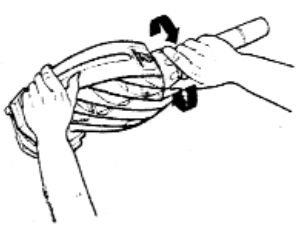


Step 3: Fit the inner extension pipe back into the blue outer extension pipe body and twist until secure



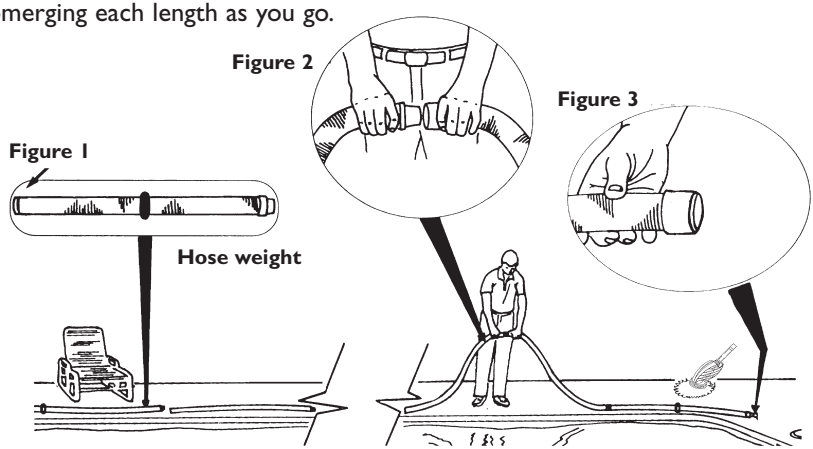
Step 4: Hold the machine head and slide the yellow cassette chamber back into the head of the machine. Turn in a clockwise direction until firm (approximately three turns).

Do not over tighten.

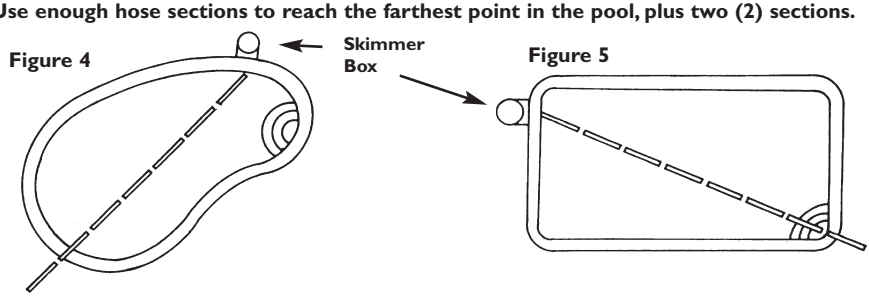


ZODIAC G2™ INSTALLATION

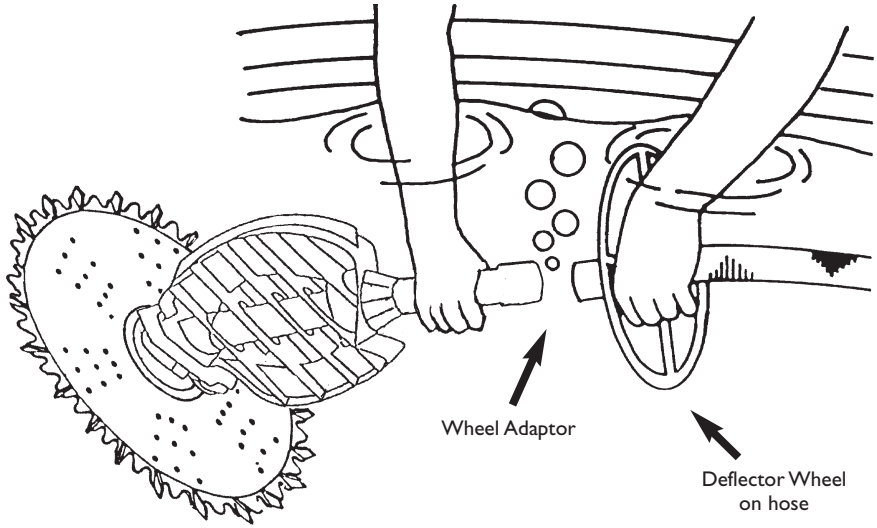
1) Firmly push the wheel deflector (part # 5) onto the outer extension pipe (connected to cleaner head) until it clicks into place just above the yellow hand nut, on the machine head.
2) Firmly push the pink leader hose adaptor (part # 7) onto the end of the outer extension pipe. Submerge cleaner head to remove all air.
3) Select a hose length and clip the hose weight (part # 4) onto the end that does not have the Baracuda stamp. This will be your first hose length.
4) Attach the end of the first hose length with the Baracuda stamp, to the pink leader hose adaptor, on the end of the outer extension pipe.
5) Continue attaching hose lengths until you reach the required length for your pool, submerging each length as you go.



Use enough hose sections to reach the farthest point in the pool, plus two (2) sections.



6) Fit hose protector mesh (part # 2) to the end of the last length of hose, which will be the section coming out of the skimmer box.



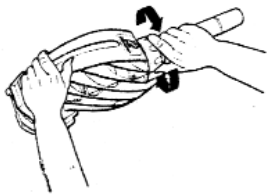
7) Before connecting hose to the fittings in the skimmer box it is **essential** that all air is removed from the cleaner head and hose.

7a) For pools with more than one skimmer box; close off all suction points except for the one the cleaner will be operating from. This provides the cleaner with maximum suction.

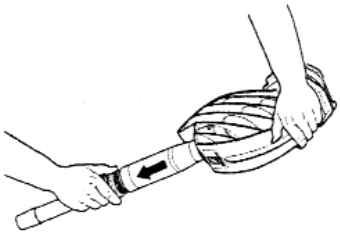
The hose is now ready to be attached to the fittings in the skimmer box.

Diaphragm Removal

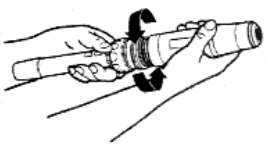
Step 1: Holding the frame assembly in one hand, unscrew the yellow hand nut (approximately three turns anti-clockwise).



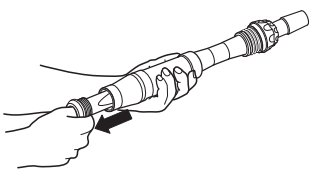
Step 2: Pull the cassette inner body out of the cleaner head body.



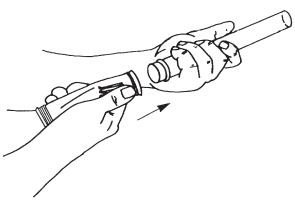
Step 3: Grasp the cassette in one hand and unscrew the blue outer extension pipe (approximately three turns anti-clockwise), then remove the outer extension pipe from the cassette.



Step 4: Grasp the lip of the diaphragm (yellow end) and pull the diaphragm out. The inner pipe will be attached and will make a grating noise.



Step 5: Pull the diaphragm off the end of the inner extension pipe. Leave the retaining ring on the diaphragm and inspect for blockage or cuts.



Remove blockage and rinse. **Do not use sharp objects as damage to diaphragm may occur.**

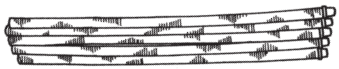
If replacement parts are needed, contact your nearest authorised Zodiac pool care dealer.

CARE & MAINTENANCE

Hose:

Sunlight (ultraviolet rays), water and pool chemicals create a harsh environment. To increase the lifespan of the Zodiac G2™ and hose, you should:

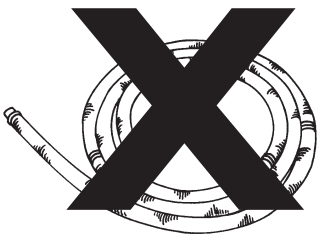
1. Remove the Zodiac G2™ from the pool before Super Chlorinating and reinstall it a minimum of four hours later.



correct

2. Always disconnect the hose from the skimmer or vacuum line before backwashing your filter.

3. Always store the hose straight. Never coil the hose (coiled hose can be straightened with hot water or by laying it straight in the sun for several hours).



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Quick Access Control System:

Unlike other competitive automatic pool cleaners, the Zodiac G2™ has the Quick Release Access Cassette System. This unique feature allows almost instantaneous access to the one moving part – the diaphragm.

Large foreign objects, such as children's toys, tree branches and rocks, should be removed manually from your pool prior to operating an automatic pool cleaner. In the event a foreign object does not get manually removed and a blockage occurs, the Quick Access Cassette System allows you the opportunity to remove the blockage or check the diaphragm for damage in minutes at poolside.

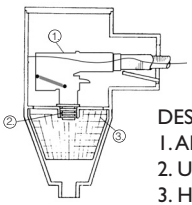
(Before beginning, be sure to remove the wheel deflector from the cleaner head).

AD FLOW VALVE

The use of the Zodiac AD Flow Valve is recommended on pools with only one skimmer box/suction point, or when the filtration system needs to be used but the pool cleaner does not, such as when people are swimming in the pool. It regulates the flow of water to the pump through the pool cleaner. As the filter collects debris, the valve automatically maintains the correct flow to the cleaner. For installation of the AD Flow Valve see below:

AD Flow Valve —

AD Flow Valve —
Connector



DESCRIPTION
1. AD Flow Valve
2. Universal Weir Cuff
3. Hose Protector Mesh

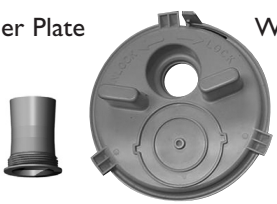
STEP 1: Screw the AD Flow Valve Connector into the Vacuum Plate or use Weir Cuff.

STEP 2: Insert the AD Flow Valve into the AD Flow Valve Connector.

STEP 3: Connect the AD Flow Valve into the hose.

For connection of the AD Flow Connector into a non standard skimmer plate see below:
Waterco Skimmer Box = Screw in the AD Flow Valve connector from the top of the skimmer plate.
Poolrite Skimmer Box = Screw in the AD Flow Valve connector from the bottom of the skimmer plate.

Pool Rite Skimmer Plate



Waterco Skimmer Plate

If you do not have a Waterco or Poolrite Skimmer Plate then insert the AD Flow Valve into the Weir Cuff.

The AD Flow Valve comes preset at a factory setting of 2 to obtain maximum pool cleaning efficiency. If your water flow requires a higher or lower setting, you can adjust the valve to one of three settings: High (Setting 3), Medium (Setting 2) or Low (Setting 1).

You will only need to adjust the AD Flow Valve when the following occurs:

PROBLEM	SOLUTION
The Zodiac Pool Cleaner is performing too fast and/or climbing above the level of the water.	Reduce AD Flow Valve to Setting 1
The Zodiac Pool Cleaner is performing slowly and/or is not climbing the pool walls.	Increase AD Flow Valve to Setting 3

ADJUSTMENT SUGGESTIONS

CORRECT BALANCING

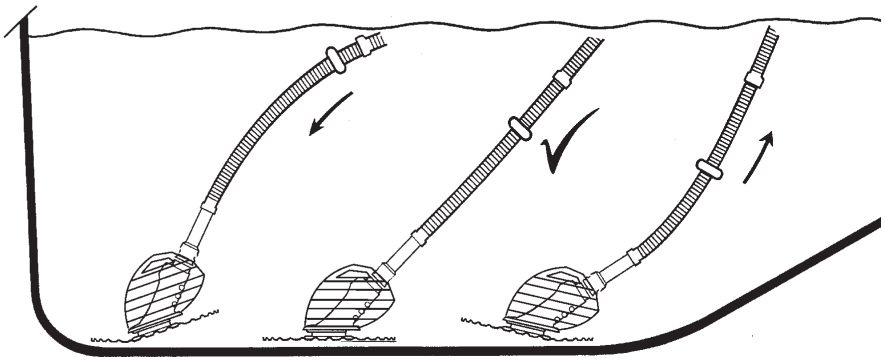


Diagram 1: Positioning of the hose weight

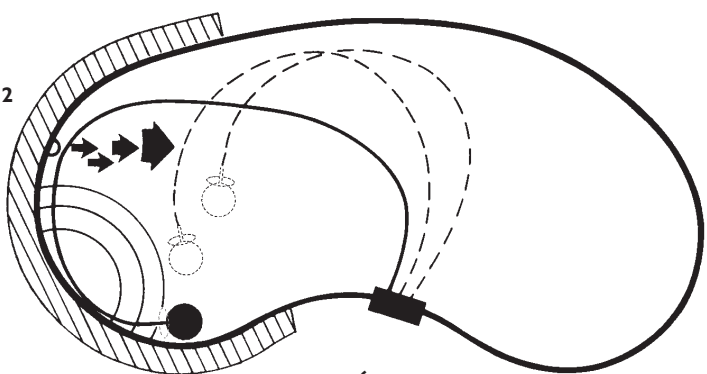
Proper balancing must be accomplished in the DEEPEST area of the pool. The buoyancy of the hose tends to LIFT the Zodiac G2™ especially in deeper water. The hose weight is provided to help neutralise the buoyant effect of the hose.

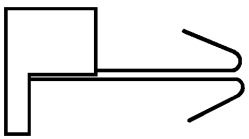
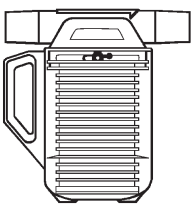
POOL COVERAGE

Normally it is undesirable for the return line water flow to affect the natural movement of your ZODIAC hose. However, the return line pressure can be used to balance cleaning coverage or to guide the cleaner away from steps and corners.

A return line located anywhere along the shaded area can be utilised to gently push the hose, allowing your Zodiac G2™ to free itself from in-pool obstacles (Diagram 2).

Diagram 2



ZODIAC ACCESSORIES:		
PART ILLUSTRATION	**PART NO**	**DESCRIPTION**
 1	1. W22800	**Return Line Diverter** Use when no other return inlet directional fittings exist
 2	2. W70116	**The Leaf Eater** Use when heavy debris or leaf situations exist

Zodiac recommends the following water chemistry readings for optimal performance of any pool equipment

	Free Chlorine	pH	Total Alkalinity (ppm)	Calcium Hardness (ppm)	Cyanuric Acid (ppm)
Australian Standard	1 – 3 ppm	7.2 – 7.8	80 – 300	90 – 300	30 – 50
Ideal reading/range	1 – 3 ppm	7.5	80 – 140	150 – 175	50
To increase*	Add chlorine or increase output of equipment	Add buffer or soda ash (sodium carbonate)	Add sodium bicarbonate	Add sodium calcium chloride	Add cyanuric acid
To decrease*		Add muriatic acid	Add muriatic acid or dry acid	Partially drain & refill pool	Partially drain & refill pool

* When using chemicals, always follow manufacturers directions and follow the advice of your pool professional. Always use protective clothing, gloves & glasses. Store & use chemicals out of the reach of children.